

CLASS TITLE:**WWTF PROCESS MONITOR II**

Class Code: 02310700

Pay Grade: 24A

EO Code: G

CLASS DEFINITION:

GENERAL STATEMENT OF DUTIES: To be responsible for the supervision of all sewage processing operations in a primary, secondary or advanced wastewater treatment plant; to be responsible for monitoring the treatment process by using computers and other complex technical equipment and conducting periodic tests and readings, and to effect appropriate adjustments as required; and to do related work as required.

SUPERVISION RECEIVED: Works under the general supervision of a superior and exercises considerable latitude in the execution and completion of assignments; work is subject to review for conformance to rules, regulations and instructions.

SUPERVISION EXERCISED: Assigns, supervises and reviews, in process and upon completion, the work of subordinate personnel engaged in the operation and maintenance of a wastewater treatment facility.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

To be responsible for the supervision of all sewage processing operations in a primary, secondary or advanced wastewater treatment plant.

To conduct periodic tests and readings of plant operations using computers and other complex technical equipment.

To supervise and participate in any combination of tasks required in the operation of a wastewater treatment facility such as: metering, screening, degritting, aeration, sedimentation, chemical treatment and sludge processing of water and waste materials from both domestic and commercial sources.

To be responsible for supervising the performance of routine maintenance, repair, lubrication, and adjustments to electrical, mechanical, hydraulic and chemical equipment in a wastewater treatment plant.

To maintain logs, record data, and be responsible for the maintenance of the treatment plant.

To operate or supervise the operation of gates, valves, engines, generators and pumps used to adjust the wastewater treatment process.

To operate or supervise the operation of all stations within the facility.

To operate a rotating or split shift on occasion to ensure continuity of the treatment process.

To perform or supervise in the performance of tasks involving chemicals used in treatment applications.

To prepare and write reports relating to the operation of, and the processes involved in the operation of, a wastewater treatment facility.

As required, to drive a plant vehicle on or off site.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS AND CAPACITIES: A thorough knowledge of the operational methods and processes used in a modern wastewater treatment facility; a working knowledge of routine maintenance, repair, lubrication and adjustment of electrical, mechanical, hydraulic and chemical equipment used in a wastewater treatment plant; the ability to supervise and review the work of subordinate treatment plant staff; the ability to operate computerized process control panels and other technical equipment; the ability to work rotating and split shifts; the ability to properly and safely perform tasks with chemicals used in

wastewater treatment plants; the ability to keep accurate logs and records pertinent to plant activity; the ability to write accurate and complete reports; and related capacities and abilities.

EDUCATION AND EXPERIENCE:

Education: Such as may have been gained through: possession of a Bachelor's Degree in the field of Sanitary, Civil, Chemical, Mechanical Engineering, Environmental Science, or a related field; and

Experience: Such as may have been gained through: employment in a responsible capacity of the kind and level of a WWTF Monitor I involving supervision of non-professional, technical and supervisory personnel in a wastewater treatment facility.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

SPECIAL REQUIREMENTS: At the time of appointment, must be physically qualified to perform assigned duties as evidenced by a physician's certificate; upon appointment, must possess a valid Rhode Island driver's license; at the time of appointment, must possess an Operator-in-Training (OIT) Grade III certification license for wastewater treatment plants (Ch. 42-17.4-6 of the General Laws of 1956, as amended).

Class Created: July 3, 1988

Editorial Review: 3/15/2003